



**Lens, Refractor and Reflector
A Profound New Angle of Efficiency**

Q: What is FusionOptics™?

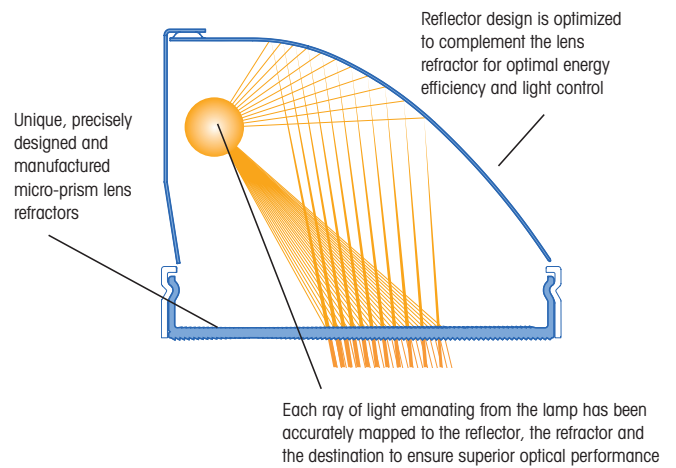
A: A merging of precisely designed and manufactured optical assemblies where lamp, lens and reflector work in harmony to optimize light control; super-charging performance, smoothing striations and increasing energy efficiency.

Energy efficiency is no longer an option; it's a critical part of every project. Flat, shiny touch screens are now omnipresent and require better lighting control from classroom to boardroom. To the eternal frustration of lighting specifiers around the world, the marriage of outstanding light control and a high level of energy efficiency have been extraordinarily difficult—until now.

FusionOptics™ is Prudential's method of precisely designed optical assemblies. Lamp, lens and reflector now work in harmony and provide more control than ever before. By controlling every ray of light, high efficiencies are easily achieved. Years of development went into challenging the old limitations of optical engineering and manufacturing and the results are worth the wait.

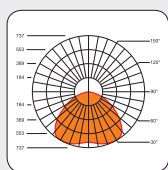
This is not a one-size-fits-all answer to specific tasks and


environments. Prudential has painstakingly designed distinct products for each lighting task. The efficiency of every ray from the lamp, every bounce from the reflector, every prism in the lens is maximized and the IES data speaks for itself. Outstanding energy efficiency and light control in a system of sleek, minimal products that meet nearly any application requirement.

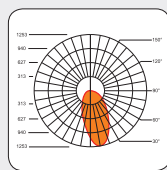


IES Test Results for Bionic 4" Recessed Modular System

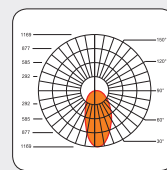
Efficiency ratings near 80% means that these luminaires have yet another good thing going.



Batwing 
Throws light wide then cuts off sharply at 65° without losing any efficiency. Allows for wider on center spacing, saving energy and reducing installation costs. {Energy Efficiency 81%}



Asymmetrical
Ideal vertical light distribution along a wall from two to three feet away with no harsh cut off shadows, no below ceiling mechanical kickers and an appreciable amount of back light. {Energy Efficiency 71%}



Perimeter
Offers flush or recessed lensing with even vertical illumination for seamless wall-grazing effects. Dramatic control without sacrificing energy efficiency. {Energy Efficiency 76%}

